

Title (en)
PULSE CLEANING FILTER SYSTEM ARRANGEMENT

Title (de)
ANORDNUNG EINES GEPULSTEN REINIGUNGSFILTERSYSTEMS

Title (fr)
AGENCEMENT DE SYSTÈME DE FILTRE DE NETTOYAGE PAR IMPULSION

Publication
EP 3110526 B1 20170614 (EN)

Application
EP 15711582 A 20150220

Priority
• US 201461944759 P 20140226
• US 201514615460 A 20150206
• IB 2015051304 W 20150220

Abstract (en)
[origin: US2015238889A1] A pulse cleaning filter system has a housing with an inlet side and an outlet side separated by a planar tubesheet. The housing includes multiple tubesheet openings forming multiple rows. Multiple cylindrical filter cartridges have an open end sealed around one of the tubesheet openings and a closed end at the inlet side of the housing. A filter cleaning system includes a compressed gas header extending perpendicular to a normal of the tubesheet, multiple compressed gas outlet stub pipes extending from the header, right angle pulse valves connecting each of the stub pipes to a pulse manifold pipe including a first straight portion, a ninety degree bend at the outlet side of the housing, and a second straight portion at the outlet side of the housing. A gas pulse nozzle has a main injection axis directed along the central axis of the filter cartridge.

IPC 8 full level
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CPC (source: EP KR US)
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